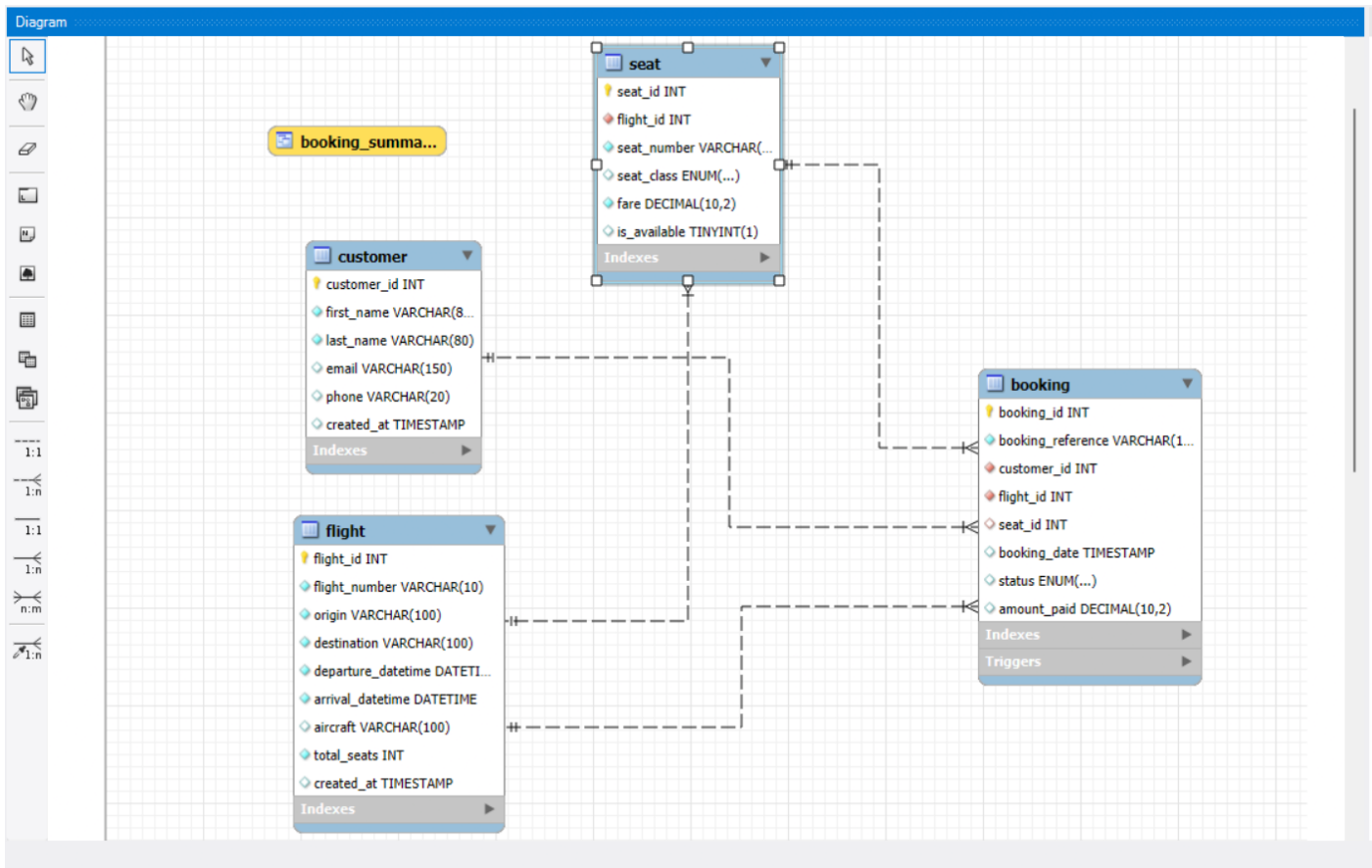# ER Diagram: Airline Reservation System

ER Diagram Explanation

The ER diagram represents the structure of the Airline Reservation System database. It consists of four main entities: Customer, Flight, Seat, and Booking. A Customer can make multiple Bookings, while each Booking is associated with one Flight and one Seat. Each Flight contains multiple Seats, and each Seat belongs to exactly one Flight. Primary keys uniquely identify each entity, and foreign keys are used to establish relationships between tables. This design ensures data integrity and prevents issues such as duplicate seat bookings.